



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

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APR 25 2017

Air Protection Division

April 17, 2017

Ms. Karen M. Sagel
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

Subject: USS Reference Number: 17-0038
ACHD Reference Number: 20565
#2 Control Room
USS Clairton Works

Dear Karen M. Sagel:

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Jonelle S. Scheetz at 412-233-1015.

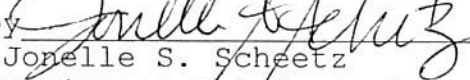
Sincerely,

Steven J. Zelenski
Acting Plant Manager
Clairton Works

CC: James W. Hagedorn (USEPA)

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 17-0038
ACHD Reference Number: 20565
2. **Date & Time of Breakdown:** Date: 04/14/17 Time: 1025 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** #2 Control Room
5. **BAPC Permit Number (if applicable):** #0052
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** A frozen bottom sub valve on the #1 Quad at the #2 Control Room necessitated the by-pass of coke oven gas to the downriver systems. The 40 grain H₂S limit was not exceeded.
8. **Identification of Emissions:**
 - A. **Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)**
Elevated H₂S in the downriver gas line systems, causing increased SO₂ and VOC at point of combustion.
 - B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** SO₂ is and VOC could be an eye, nose, and throat irritant.
 - C. **Amount of each type emitted (or likely to be emitted).**
Light to Moderate
9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
The problem was resolved and normal operations resumed.
10. **Facility back in operation -** Date: 04/14/17 Time: 1145 hours

Reviewed by 
Jonelle S. Scheetz
Environmental Control Engineer

Date 4-17-17
Phone: 412-233-1015